

VERMONT YANKEE NUCLEAR POWER CORPORATION
1992 INSERVICE INSPECTION SUMMARY REPORT
MARCH 6, 1992 THROUGH APRIL 15, 1992

Prepared By: *Dennis C. Shivers*
PLANT INSERVICE INSPECTION COORDINATOR

Approved By: *Ray Logan*
MECHANICAL ENGINEERING AND CONSTRUCTION SUPERVISOR

VERMONT YANKEE NUCLEAR POWER CORPORATION
1992 INSERVICE INSPECTION SUMMARY REPORT
MARCH 6, 1992 THROUGH APRIL 15, 1992

1. INTRODUCTION

The attached Form NIS-1, "Owner's Data Report for Inservice Inspection," describes the inservice inspections performed during 1992 at the Vermont Yankee Nuclear Power Station, Vernon, Vermont. The examinations performed were those of the seventh outage of the third period of the second ten-year interval. The inspection performed during this outage completes the second ten-year interval examination requirements. The nondestructive examination procedures used for inservice inspection were in accordance with the ASME Boiler and Pressure Vessel Code, Section XI, 1980 Edition, Winter 1980 Addenda as referenced in the plant Technical Specifications. The areas subject to examination and the method used were in accordance with the Vermont Yankee Inservice Inspection Program and the plant Technical Specifications. This report summarizes the components examined, the types of examinations, the non-conforming conditions noted, and the corrective actions taken. Ultrasonic, liquid penetrant, magnetic particle, and visual examination techniques were employed to perform the required examinations.

2. EXAMINATION METHODS

Nondestructive examinations were performed in accordance with the procedures contained in the Yankee Atomic Electric Company Engineering Guidelines, Book III, "Inservice Inspection NDE Procedures," or vendor procedures reviewed and approved by Yankee Atomic Electric Company. The examination procedures were reviewed and approved by personnel qualified to SNT-TC-1A, Level III. These procedures conform to the requirements of ASME Section XI, 1980 Edition, Winter 1980 Addenda. The inservice examinations were performed and evaluated by personnel qualified as provided for in Section XI. The procedures used for these examinations are listed in Section 10 of the NIS-1 Form.

3. EVALUATION OF DATA

The examination results were reviewed at the site by personnel qualified to at least Level II in the examination discipline. Indications were evaluated to the acceptance standards defined in the Vermont Yankee Nuclear Power Station Technical Specifications.

1. Owner VERMONT YANKEE NUCLEAR POWER CORP., R.D.5, BOX 169, FERRY ROAD, BRATTLEBORO, VT. 05354
2. Plant VERMONT YANKEE NUCLEAR POWER STATION P.O. BOX 157, VERNON, VT. 05354
3. Plant Unit 2 4. Owner Certificate of Authorization DPR-28
5. Commercial Service Date 11/30/72 6. National Board Number NONE
7. Components Inspected SEE ATTACHED
8. Examination Dates MARCH 6, 1992 TO APRIL 15, 1992
9. Inspection Interval From 5/1/83 To 11/30/92
10. Abstract of Examination SEE ATTACHED
11. Abstract of Conditions Noted SEE ATTACHED
12. Abstract of Corrective Measures Taken SEE ATTACHED

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date 6/1/92 Signed Vermont Yankee N.P.C. By [Signature]
Plant Manager

Certificate of Authorization No. DPR-28 Expiration Date 12/11/2007

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of boiler and Pressure Vessel Inspectors and/or the State or Province of New York and employed by H.S.B. L & L Co. of Hartford, Connecticut have inspected the components described in this Owner's Data Report during the period March 6, 1992 to April 15, 1992, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Data Report. Furthermore, neither, the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 8 MAY 19 92

[Signature]
Inspector's Signature

Commissions 2511001 24 5042
National Board, State, Province, and No.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-23
Commercial Service Date: 11/30/72

Page 2 of 22

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	F am	System	Drawing	Results
B-D	N2F	UT	RPV	5920-656	Accepted
B-D	N2H	UT	RPV	5920-656	Accepted
B-D	N2J	UT	RPV	5920-656	Accepted
B-D	N2K	UT	RPV	5920-656	Accepted
B-D	N2E	UT	RPV	5920-656	Accepted
B-D	N8A	UT	RPV	5920-245	Accepted
B-D	N8B	UT	RPV	5920-245	Accepted
B-D	N2E-IR	UTIR	RPV	5920-656	Accepted
B-D	N2F-IR	UTIR	RPV	5920-656	Accepted
B-D	N2H-IR	UTIR	RPV	5920-656	Accepted
B-D	N2J-IR	UTIR	RPV	5920-656	Accepted
B-D	N2K-IR	UTIR	RPV	5920-656	Accepted
B-D	N4A-IR	UTIR	RPV	5920-241	Accepted
B-D	N4B-IR	UTIR	RPV	5920-241	Accepted
B-D	N4C-IR	UTIR	RPV	5920-241	Accepted
B-D	N4D-IR	UTIR	RPV	5920-241	Accepted
B-D	N8A-IR	UTIR	RPV	5920-245	Accepted
B-D	N8B-IR	UTIR	RPV	5920-245	Accepted
B-F	F3A-A	PT	CS	H-11 5920-9206	Accepted, See Section 11/12
B-F	F3A-A	UT	CS	H-11 5920-9206	Accepted
B-F	N2A-SE	PT	RPV	5920-6622	Accepted
B-F	N2A-SE	UT	RPV	5920-6622	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 3 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-F	N2B-SE	PT	RPV	5920-6622	Accepted
B-F	N2B-SE	UT	RPV	5920-6622	Accepted
B-F	N2E-SE	PT	RPV	5920-6622	Accepted
B-F	N2E-SE	UT	RPV	5920-6622	Accepted
B-G-1	1	UT	RPV	H-21	Accepted
B-G-1	18	UT	RPV	H-21	Accepted
B-G-1	2	UT	RPV	H-21	Accepted
B-G-1	3	UT	RPV	H-21	Accepted
B-G-1	4	UT	RPV	H-21	Accepted
B-G-1	5	UT	RPV	H-21	Accepted
B-G-1	6	UT	RPV	H-21	Accepted
B-G-1	7	UT	RPV	H-21	Accepted
B-G-1	8	UT	RPV	H-21	Accepted
B-G-1	9	UT	RPV	H-21	Accepted
B-G-1	10	UT	RPV	H-21	Accepted
B-G-1	11	UT	RPV	H-21	Accepted
B-G-1	12	UT	RPV	H-21	Accepted
B-G-1	13	UT	RPV	H-21	Accepted
B-G-1	14	UT	RPV	H-21	Accepted
B-G-1	15	UT	RPV	H-21	Accepted
B-G-1	16	UT	RPV	H-21	Accepted
B-G-1	17	UT	RPV	H-21	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 4 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-G-1	19	UT	RPV	H-21	Accepted
B-G-1	20	UT	RPV	H-21	Accepted
B-G-1	21	UT	RPV	H-21	Accepted
B-G-1	22	UT	RPV	H-21	Accepted
B-G-1	23	UT	RPV	H-21	Accepted
B-G-1	24	UT	RPV	H-21	Accepted
B-G-1	25	UT	RPV	H-21	Accepted
B-G-1	26	UT	RPV	H-21	Accepted
B-G-1	27	UT	RPV	H-21	Accepted
B-G-1	28	UT	RPV	H-21	Accepted
B-G-1	29	UT	RPV	H-21	Accepted
B-G-1	30	UT	RPV	H-21	Accepted
B-G-1	31	UT	RPV	H-21	Accepted
B-G-1	32	UT	RPV	H-21	Accepted
B-G-1	33	UT	RPV	H-21	Accepted
B-G-1	34	UT	RPV	H-21	Accepted
B-G-1	35	UT	RPV	H-21	Accepted
B-G-1	36	UT	RPV	H-21	Accepted
B-G-1	37	UT	RPV	H-21	Accepted
B-G-1	38	UT	RPV	H-21	Accepted
B-G-1	39	UT	RPV	H-21	Accepted
B-G-1	40	UT	RPV	H-21	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 5 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-G-1	41	UT	RPV	H-21	Accepted
B-G-1	42	UT	RPV	H-21	Accepted
B-G-1	43	UT	RPV	H-21	Accepted
B-G-1	44	UT	RPV	H-21	Accepted
B-G-1	45	UT	RPV	H-21	Accepted
B-G-1	46	UT	RPV	H-21	Accepted
B-G-1	47	UT	RPV	H-21	Accepted
B-G-1	48	UT	RPV	H-21	Accepted
B-G-1	49	UT	RPV	H-21	Accepted
B-G-1	50	UT	RPV	H-21	Accepted
B-G-1	51	UT	RPV	H-21	Accepted
B-G-1	52	UT	RPV	H-21	Accepted
B-G-1	53	UT	RPV	H-21	Accepted
B-G-1	54	UT	KPV	H-21	Accepted
B-G-1	55	UT	RPV	H-21	Accepted
B-G-1	56	UT	RPV	H-21	Accepted
B-G-1	57	UT	RPV	H-21	Accepted
B-G-1	58	UT	RFV	H-21	Accepted
B-G-1	59	UT	RPV	H-21	Accepted
B-G-1	60	UT	RPV	H-21	Accepted
B-G-1	61	UT	RPV	H-21	Accepted
B-G-1	62	UT	KPV	H-21	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 6 Of 23

Component Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-G-1	63	UT	RPV	H-21	Accepted
B-G-1	64	UT	RPV	H-21	Accepted
B-G-2	V14-12A	VT-1	CS	H-12 5920-9211	Accepted, See Section 11/12
B-G-2	V2-80D	VT-1	MN ST	H-17	Accepted
B-G-2	SV2-70A	VT-1	MN ST	H-14	Accepted, See Section 11/12
B-G-2	RV2-71A	VT-1	MN ST	H-14	Accepted, See Section 11/12
B-G-2	V2-86A	VT-1	MN ST	H-14	Accepted
B-G-2	V2-43A	VT-1	RECIRC	5920-6622	Accepted, See Section 11/12
B-G-2	V10-81B	VT-1	RHR	H-5	Accepted, See Section 11/12
B-G-2	V10-27A	VT-1	RHR	H-6 MSK-RHR-11-10	Accepted, See Section 11/12
B-G-2	N6B	VT-1	RPV	5920-107	Accepted, See Section 11/12
B-H	RPV SUPPORT SKIRT	MT	RPV	5920-548	Accepted
B-H	RPV SUPPORT SKIRT	UT	RPV	5920-548	Accepted
B-H	270 DEG	PT	RPV	5920-257	Accepted
B-J	F10-16	MT	FW	H-7 VYI-FDW-5	Accepted
B-J	F10-16	UT	FW	H-7 VYI-FDW-5	Accepted
B-J	F1B-20	MT	FW	ISI-FDW-PART 5A	Accepted
B-J	F1B-20	UT	FW	ISI-FDW-PART 5A	Accepted
B-J	F1A-20	MT	FW	ISI-FDW-PART 5A	Accepted
B-J	F1A-20	UT	FW	ISI-FDW-PART 5A	Accepted
B-J	F2-20	MT	FW	ISI-FDW-PART 5A	Accepted
B-J	F2-20	UT	FW	ISI-FDW-PART 5A	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 7 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-J	F1C	MT	HPCI	H-20	Accepted
B-J	F1C	UT	HPCI	H-20	Accepted
B-J	F2	MT	HPCI	H-20	Accepted
B-J	F2	UT	HPCI	H-20	Accepted
B-J	A5I	MT	MN ST	H-14	Accepted
B-J	A5I	UT	MN ST	H-14	Accepted
B-J	A5K	MT	MN ST	H-14	Accepted
B-J	A5K	UT	MN ST	H-14	Accepted
B-J	C8	MT	MN ST	H-16	Accepted
B-J	C8	UT	MN ST	H-16	Accepted
B-J	C9	MT	MN ST	H-16	Accepted
B-J	C9	UT	MN ST	H-16	Accepted
B-J	A5B	MT	MN ST	H-14	Accepted
B-J	A5B	UT	MN ST	H-14	Accepted
B-J	RH-A-2	PT	RECIRC	5920-6622	Accepted
B-J	RH-A-2	UT	RECIRC	5920-6622	Accepted
B-J	AB-3	PT	RECIRC	5920-6622	Accepted
B-J	AB-3	UT	RECIRC	5920-6622	Accepted
B-J	30-3	PT	RHR	5920-6622	Accepted
B-J	30-3	UT	RHR	5920-6622	Accepted
B-J	30-4	PT	RHR	5920-6622	Accepted
B-J	30-4	UT	RHR	5920-6622	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 8 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
B-J	28-14	MT	RHR	H-6	Accepted, See Section 11/12
B-J	28-14	UT	RHR	H-6	Accepted
B-J	28-15	MT	RHR	H-6	Accepted
B-J	28-15	UT	RHR	H-6	Accepted
B-J	28-16	MT	RHR	H-6	Accepted
B-J	28-16	UT	RHR	H-6	Accepted
B-J	FW-18-2	PT	RWCU	5920-6622	Accepted
B-J	FW-18-2	UT	RWCU	5920-6622	Accepted
C-A	A-HTEX10-4	UT	RHR	I-20	Accepted
C-C	SDV-N-R11	PT	CRD	5920-9527	Accepted
C-C	SDV-N-A01	PT	CRD	5920-9527	Accepted, See Section 11/12
C-C	H-52	MT	CS	I-6A MSK-CS-6-3	Accepted
C-C	A-RHR-CC-4	MT	RHR	I-21	Accepted
C-F	RH9-S317	MT	RHR	I-15	Accepted
C-F	RH9-S317	UT	RHR	I-15	Accepted
C-F-2	CR6-T10	PT	CRD	I-24 5920-9527	Accepted, See Section 11/12
C-F-2	CR6-T10	UT	CRD	I-24 5920-9527	Accepted
C-F-2	CS1A-S15	MT	CS	I-6C	Accepted
C-F-2	CS1A-S15	UT	CS	I-6C	Accepted
C-F-2	CS2A-S36	MT	CS	I-6A 5920-9211	Accepted
C-F-2	CS2A-S36	UT	CS	I-6A 5920-9211	Accepted
C-F-2	CS6A-S116	MT	CS	I-6A 5920-9212	Accepted
C-F-2	CS6A-S116	UT	CS	I-6A 5920-9212	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 9 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
C-F-2	CS3B-S111	MT	CS	ISI-5920-9206	Accepted
C-F-2	CS3B-S111	UT	CS	ISI-5920-9206	Accepted
C-F-2	CT4-S30	MT	CST	I-31 5920-9210	Accepted
C-F-2	CT4-S30	UT	CST	I-31 5920-9210	Accepted
C-F-2	HP15B-S125	MT	HPCI	I-4 HPCI-5-1/1	Accepted
C-F-2	HP15B-S125	UT	HPCI	I-4 HPCI-5-1/1	Accepted
C-F-2	SG14-S84	MT	PCAC	I-34 5920-9201	Accepted
C-F-2	SG14-S84	UT	PCAC	I-34 5920-9201	Accepted
C-F-2	SG15-S92	MT	PCAC	I-35 5920-9201	Accepted
C-F-2	SG15-S92	UT	PCAC	I-35 5920-9201	Accepted
C-F-2	RC3-S2	MT	RCIC	I-26A 5920 9255	Accepted
C-F-2	RC3-S2	UT	RCIC	I-26A 5920 9255	Accepted
C-F-2	RC7-S45	MT	RCIC	I-26B 5920 9255	Accepted
C-F-2	RC7-S45	UT	RCIC	I-26B 5920 9255	Accepted
C-F-2	RH2B-S95	MT	RHR	I-9 5920 9285	Accepted
C-F-2	RH2B-S95	UT	RHR	I-9 5920 9285	Accepted
C-F-2	RH3D-T182	MT	RHR	I-10B 5920 9288	Accepted, See Section 11/12
C-F-2	RH3D-T182	UT	RHR	I-10B 5920 9288	Accepted
C-F-2	RH5A-T208	MT	RHR	I-11 MSK RHR-11-3	Accepted
C-F-2	RH5A-T208	UT	RHR	I-11 MSK RHR-11-3	Accepted
C-F-2	RH5A-S217	MT	RHR	I-11 MSK RHR-11-3	Accepted
C-F-2	RH5A-S217	UT	RHR	I-11 MSK RHR-11-3	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 10 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
C-F-2	RH6-S231	MT	RHR	I-12 MSK-RHR-11-3	Accepted
C-F-2	RH6-S231	UT	RHR	I-12 MSK-RHR-11-3	Accepted
F-A	HD-203C	VT-3	ACSP	J-35 5920-9201	Accepted
F-A	SDV-N-H01	VT-3	CRD	I-24, 5920-9527	Accepted
F-A	SDV-N-R10	VT-3	CRD	I-24, 5920-9527	Accepted
F-A	SDV-N-R11	VT-3	CRD	I-19, 5920-9527	Accepted
F-A	HD-85D	VT-3	CS	I-6B	Accepted
F-A	HD54G	VT-3	CS	5920-9212	Accepted
F-A	H-60	VT-3	CS	I-6D 5920-9210	Accepted
F-A	CUN-HD-49A	VT-3	FPC	D-7 5920-9250	Accepted
F-A	CUN-HD-49M	VT-3	FPC	D-7 5920-9250	Accepted
F-A	CUN-H49	VT-3	FPC	D-7 5920-9250	Accepted
F-A	FW-1	VT-3	FW	H-7 VYI-FDW-5	Accepted
F-A	FW-1	VT-4	FW	H-7 VYI-FDW-5	Accepted
F-A	FW-7 & FW-8	VT-3	FW	H-7 VYI-FDW-5	Accepted, See Section 11/12
F-A	FW-7 & FW-8	VT-4	FW	H-7 VYI-FDW-5	Accepted
F-A	FW-9	VT-3	FW	H-7 VYI-FDW-5	Accepted
F-A	FW-9	VT-4	FW	H-7 VYI-FDW-5	Accepted
F-A	RCW-H-128	VT-3	HPCI	I-4 VYI-HPCI-4	Accepted
F-A	RCW-H-128	VT-4	HPCI	I-4 VYI-HPCI-4	Accepted
F-A	HD-102DN	VT-3	HPCI	VYI-HPCI-PART 3	Accepted
F-A	HD-102DN	VT-4	HPCI	VYI-HPCI-PART 3	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPE-28
Commercial Service Date: 11/30/72

Page 11 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code	Cat	Item ID	Exam	System	Drawing	Results
F-A		HD-103FN	VT-3	HPCI	I-2, ISI-HPCI-PART 3	Accepted
F-A		HD-103FN	VT-4	HPCI	I-2, ISI-HPCI-PART 3	Accepted
F-A		H32	VT-3	HPCI	VYI-HPCI-PART 5	Accepted
F-A		HD-35D	VT-3	HPCI	I-4 VYI-HPIC-4	Accepted, See Section 11/12
F-A		HD-35D	VT-4	HPCI	I-4 VYI-HPIC-4	Accepted
F-A		HD35C	VT-3	HPCI	VYI-HPCI-PART 5	Accepted, See Section 11/12
F-A		HD35C	VT-4	HPCI	VYI-HPCI-PART 5	Accepted
F-A		MS-4	VT-3	MN ST	H-14	Accepted
F-A		MS-4	VT-4	MN ST	H-14	Accepted
F-A		MS-5	VT-3	MN ST	H-14	Accepted, See Section 11/12
F-A		MS-5	VT-4	MN ST	H-14	Accepted
F-A		MS-6	VT-3	MN ST	H-14	Accepted
F-A		MS-6	VT-4	MN ST	H-14	Accepted
F-A		MS-7	VT-3	MN ST	H-14	Accepted, See Section 11/12
F-A		RCW-H93	VT-3	RBCCW	D-8 VYI RCW-3-1/2	Accepted
F-A		RCW-H91	VT-3	RBCCW	D-8 VYI-RCW-3-1/2	Accepted
F-A		RCW-HD162C	VT-3	RBCCW	D-8 5920-9274	Accepted
F-A		RCW-H146	VT-3	RBCCW	D-8	Accepted
F-A		RCW-H104	VT-3	RBCCW	D-9 VYI-RCW-5-2/2	Accepted, See Section 11/12
F-A		RCW-HD149	VT-3	RBCCW	D-9 VYI-RCW-3-3/4	Accepted, See Section 11/12
F-A		RCIC-1	VT-3	RCIC	H-19 G-191208	Accepted, See Section 11/12
F-A		RCIC-1	VT-4	RCIC	H-19 G-191208	Accepted, See Section 11/12

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vernont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 12 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-A	RCIC-2	VT-3	RCIC	H-19	Accepted
F-A	RCIC-2	VT-4	RCIC	H-19	Accepted See Section 11/12
F-A	RR-44	VT-3	RECIRC	5920-6802-A	Accepted
F-A	RR-44	VT-4	RECIRC	5920-6802-A	Accepted
F-A	RR-85	VT-3	RECIRC	5920-6802-B	Accepted
F-A	RR-85	VT-4	RECIRC	5920-6802-B	Accepted
F-A	RR-35	VT-3	RECIRC	5920-6802-A	Accepted
F-A	RR-35	VT-4	RECIRC	5920-6802-A	Accepted
F-A	RR-3	VT-3	RECIRC	5920-6802-A	Accepted
F-A	RR-3	VT-4	RECIRC	5920-6802-A	Accepted
F-A	RR-63	VT-3	RECIRC	5920-6802-B	Accepted
F-A	RR-63	VT-4	RECIRC	5920-6802-B	Accepted
F-A	H-185	VT-3	RHR	I-8	Accepted
F-A	H-185	VT-4	RHR	I-8	Accepted
F-A	H-130	VT-3	RHR	VYI-RHR-PART 11 3/5	Accepted
F-A	HD-129C	VT-3	RHR	I-10B 5920 9288	Accepted
F-A	HD-197B	VT-3	RHR	I-10A VYI-RHR-11-3,5	Accepted
F-A	H-197 (A), (B)	VT-3	RHR	I-10A	Accepted
F-A	H-197 (A), (B)	VT-4	RHR	I-10A	Accepted
F-A	H-129	VT-3	RHR	I-10B 5920 9288	Accepted, See Section 11/12
F-A	HD-188A	VT-3	RHR	I-10B 5920 9288	Accepted
F-A	CS-HD54B	VT-3	RHR	I-15A, 5920-9212	Accepted
F-A	CS-HD54B	VT-4	RHR	I-15A, 5920-9212	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 13 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-A	CS-HD86C	VT-3	RHR	I-16A, 5920-9207	Accepted
F-A	CS-HD86C	VT-4	RHR	I-16A, 5920-9207	Accepted
F-A	HD-4	VT-3	RHR	I-17, I-18	Accepted
F-A	HD-8	VT-3	RHR	I-17, I-18 VYI-RHR-16	Accepted
F-A	CS-HD-54A	VT-3	RHR	I-15A	Accepted
F-A	CS-HD-54A	VT-4	RHR	I-15A	Accepted, See Section 11/12
F-A	HD-37	VT-3	RHR	I-17 MSK-RHR-16-1	Accepted
F-A	CU-2	VT-3	RWCU	H-13 5920-6622	Accepted
F-A	CU-2	VT-4	RWCU	H-13 5920-6622	Accepted
F-A	CU-5	VT-3	RWCU	H-13	Accepted
F-A	CU-5	VT-4	RWCU	H-13	Accepted
F-A	CU-8	VT-3	RWCU	H-13	Accepted
F-A	RSW-HD88C	VT-3	SW	D-8 VYI-RCW-3-1/2	Accepted
F-A	RSW-H221	VT-3	SW	D-3 VYI-SW-2-4/4	Accepted
F-A	RSW-H133	VT-3	SW	D-3 VYI SW 2 4/4	Accepted
F-A	RSW-H220N	VT-3	SW	D-3 VYI-SW-2-4/4	Accepted
F-A	RSW-H215	VT-3	SW	D-3	Accepted
F-A	RSW-HD187	VT-3	SW	D-1	Accepted
F-A	RSW-H197	VT-3	SW	D-1	Accepted
F-A	RSW-HD197A	VT-3	SW	D-1	Accepted
F-A	RSW-HD200A	VT-3	SW	D-1	Accepted
F-A	RSW-H195	VT-3	SW	D-1	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 14 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-A	SW-HD23	VT-3	SW	D-2 VYI-SW-12-2/2	Accepted
F-A	SW-HD76B	VT-3	SW	D-2 VYI-SW-12 2/2	Accepted
F-A	SW-H74	VT-3	SW	D-2 VYI-SW-12-2/2	Accepted
F-A	SW-H82	VT-3	SW	D-2	Accepted
F-A	SW-H7	VT-3	SW	D-2 VYI-SW-12-2/2	Accepted
F-A	RSW-H188	VT-3	SW	D-2 VYI-SW-12-2/2	Accepted
F-A	RSW-H193	VT-3	SW	D-1 VYI SW-12-2/2	Accepted
F-A	RSW-HD218A	VT-3	SW	D-4 VYI-SW-2-3/4	Accepted
F-A	RSW-H104	VT-3	SW	D-4 VYI-SW-2-3/4	Accepted
F-A	RSW-H216	VT-3	SW	D-3 VYI-SW-2-3/4	Accepted
F-A	RSW-HD216B	VT-3	SW	D-3 VYI-SW-2-3/4	Accepted
F-A	SW-HD7A	VT-3	SW	D-2	Accepted
F-A	SW-H80	VT-3	SW	D-2	Accepted
F-A	SW-H79	VT-3	SW	D-2	Accepted
F-A	RSW-HD200B	VT-3	SW	D-1 VYI-SW-13-1/2	Accepted
F-A	RSW-HD236B	VT-3	SW	D-4	Accepted
F-A	RSW-H100	VT-3	SW	D-4	Accepted
F-A	RSW-HD235E	VT-3	SW	D-4	Accepted
F-A	RSW-HD231A	VT-3	SW	D-5	Accepted
F-A	RSW-H231N	VT-3	SW	D-5 VYI-SW-6-4/5	Accepted
F-A	RSW-HD235N	VT-3	SW	D-5 VYI-SW-10-4/5	Accepted
F-A	SW-H198	VT-3	SW	D-1 VYI-SW-12-1/2	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 15 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-A	RSW-HD215B	VT-3	SW	ISI-SW-PART 2 2/4	Accepted
F-A	RSW-H169	VT-3	SW	ISI-SW-PART 6 2/2	Accepted
F-A	RSW-HD39	VT-3	SW	ISI-SW-PART 6 2/2	Accepted
F-A	RSW-H180	VT-3	SW	ISI-SW-PART 6 2/2	Accepted
F-A	RSW-HD177B	VT-3	SW	ISI-SW-PART 6 2/2	Accepted
F-A	RSW-HD264	VT-3	SW	ISI-SW-PART 10 3/5	Accepted
F-A	RSW-HD264N	VT-3	SW	ISI-SW-PART 10 3/5	Accepted
F-A	RSW-H170	VT-3	SW	ISI-SW-PART 9	Accepted
F-A	RSW-H260	VT-3	SW	ISI-SW-PART 9	Accepted
F-A	RSW-H252	VT-3	SW	ISI-SW-PART 7 1/2	Accepted
F-A	RSW-H184	VT-3	SW	ISI-SW-PART 7 1/2	Accepted
F-A	RSW-H181	VT-3	SW	ISI-SW-PART 7 2/2	Accepted
F-A	RSW-H255	VT-3	SW	ISI-SW-PART 7 1/2	Accepted
F-A	RSW-H256	VT-3	SW	ISI-SW-PART 7 2/2	Accepted
F-A	RSW-H250	VT-3	SW	ISI-SW-PART 4 2/3	Accepted
F-A	RSW-H249	VT-3	SW	ISI-SW-PART 4 1/3	Accepted
F-A	RSW-H102	VT-3	SW	ISI-SW-PART 14 1/2	Accepted
F-A	SW-H78	VT-3	SW	ISI-SW-PART 14 2/2	Accepted
F-A	SW-HD78	VT-3	SW	ISI-SW-PART 14 2/2	Accepted, See Section 11/12
F-A	RSW-H266	VT-3	SW	ISI-SW-PART 14 2/2	Accepted
F-A	SW-HD80A	VT-3	SW	ISI-SW-PART 14 2/2	Accepted
F-A	SW-H3	VT-3	SW	ISI-SW-PART 14 2/2	Accepted

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 16 Of 23

Components Inspected / Abstract Of Examinations
Section 7/10

Code Cat	Item ID	Exam	System	Drawing	Results
F-A	SW HD79B	VT-3	SW	ISI-SW-PART 14 2/2	Accepted
F-A	SW-HD79A	VT-3	SW	ISI-SW-PART 14 2/2	Accepted
F-A	RSW-H242	VT-3	SW	ISI-SW-PART 1 2/2	Accepted
F-A	RSW-H266N	VT-3	SW	ISI-SW-PART 14 2/2	Accepted
B-N-1	Vessel Internals (Areas)	VT-3	RPV		Accepted
B-N-2	Vessel Internals (Welds)	VT-1	RPV		Accepted, See Section 11/12
B-N-2	Vessel Internals (Areas)	VT-1	RPV		Accepted, See Section 11/12

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 17 of 23

HYDROSTATIC TESTS

<u>I.D.</u>	<u>DESCRIPTION</u>
CAD Test #3	This pneumatic pressure test included portions of the CAD system. The portions of the system requiring testing were the NG-105A & B -EIN2 piping lines and air tanks TK-115A & B.
RW Test #4	This hydrostatic pressure test included the Radwaste System drywell floor drain sump pump discharge line.
RW Test	This hydrostatic pressure test included the Radwaste System equipment drain sump pump discharge line.
RHR "A" Test #3	This hydrostatic pressure test included the "A" train RHR pump discharge lines from the RHR-47A & C valves to the RHR-31A & C valves. A small portion of piping was not tested due to valve leakage. A Relief Request will be submitted.
RHR "B" Test #3	This hydrostatic pressure test included the "B" train RHR pump discharge lines from the RHR-47B & D valves to the RHR-31B & D valves.
CRD SDV Test #1	This hydrostatic pressure test included Scram Discharge piping from the HCV-112 valves to valves CRD-165B, 118E through H, 119E through H, 154D, and LCV3-33D.
CRD SDV Test #2	This hydrostatic pressure test included Scram Discharge piping from the HCV-112 valves to valves CRD-165A, 118A through D, 119A through D, 154C, and LCV3-33C.
RPV	System leakage test of the reactor coolant system boundary.
RHR-9 Line	This hydrostatic pressure test included the 12" RHR-9 line bounded by RHR valves 26A and 31A.
RHR-14 Line	This hydrostatic pressure test included the 12" RHR-14 line bounded by RHR valves 31B and 26B.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 18 Of 25

Examination Procedures

I.D.	Title	REVISION
YA-UT-1	Ultrasonic Examination - General Requirements	7
YA-UT-2	Ultrasonic Testing of Welds	1
YA-UT-4	Ultrasonic Testing of Nozzle Inner Radii	1
YA-UT-5	Ultrasonic Testing of Materials	0
YA-VT-11	Visual Examination ASME Section XI	3
YA-PE-2	Liquid Penetrant Examination	7
YA-MP-111	Magnetic Particle Examination	3

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 19 of 23

Abstract of Conditions Noted / Corrective Measures Taken
Section 11/12

ASME Cat	Item ID	Conditions Noted and Corrective Measures Taken
B-F	F3A-A	Liquid penetrant examination of weld F3A-A revealed an arc strike and weld spatter. Work order 92-03324 was issued to remove the arc strike and spatter. Follow-up PT examination was acceptable. This condition was not service related.
B-G-2	N6B	Visual examination of N6B revealed insufficient thread engagement. An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.
B-G-2	V14-12A	Visual examination of V14-12A revealed insufficient thread engagement. An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.
B-G-2	SV2-70A	Visual examination of SV2-70A revealed insufficient thread engagement. An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.
B-G-2	RV2-71A	Visual examination of RV2-71A revealed insufficient thread engagement. An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.
B-G-2	V2-43A	Visual examination of V2-43A revealed a loose non-pressure retaining nut. Work order 92-03463 was issued to tighten the nut. Follow-up VT-1 examination was acceptable. This condition was evaluated to be insignificant to proper function of the component.
B-G-2	V10-81B	Visual examination of V10-81B revealed loose non-pressure retaining bolts. Work order 92-03415 was issued to tighten the bolting. Follow-up VT-1 examination was acceptable. This condition was evaluated to be insignificant to proper function of the component.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 20 of 23

Abstract of Conditions Noted / Corrective Measures Taken
Section 11/12

ASME Cat	Item ID	Conditions Noted and Corrective Measures Taken
B-G-2	V10-27A	Visual examination of V10-27A revealed insufficient thread engagement. An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.
B-J	28-14	Magnetic particle examination of weld 28-14 revealed two indications. Work order 92-03560 was issued to perform additional surface preparation. Follow-up MT examination was acceptable. This condition was determined to be a manufacturing defect and not service related.
B-N-1, B-N-2	VESSEL	Visual examination of the reactor pressure vessel revealed indications in the clad on the head and vessel wall. Visual examination also revealed an indication adjacent to a dryer separator support weld. Work order 92-03482 was issued to perform additional inspection. Further investigation and evaluation determined that the clad cracking did not propagate into the base material. A report was submitted to the NRC.
C-C	SDV-N-A01	Liquid penetrant examination of SDV-N-A01 revealed indications at the welded attachment. Work order 92-03418 was issued to perform additional surface preparation. Follow-up PT examination was acceptable. This condition was determined to be grinding marks and not service related.
C-F-2	CR6-T10	Liquid penetrant examination of CR6-T10 revealed an indication at the nozzle weld. Work order 92-03348 was issued to perform additional surface prep. Follow-up PT examination was acceptable. This condition was determined to be a forging lap and not service related.
C-F-2	RH3D-T182	Magnetic particle examination of RH3D-T182 revealed an indication in the base material. Work order 92-03623 was issued to perform additional service prep. Follow-up MT examination was acceptable. This condition was determined to be a fabrication discontinuity and not service related.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 21 of 23

Abstract of Conditions Noted / Corrective Measures Taken
Section 11/12

ASME Cat	Item ID	Conditions Noted and Corrective Measures Taken
F-A	FW-7 & FW-8	Visual examination of FW-7 & FW-8 revealed a loose turnbuckle nut. Work order 92-33464 was issued to tighten the nut. Follow-up VT-3 was acceptable. This condition was evaluated to be insignificant to proper function of the component.
F-A	HD-35D	Visual examination of HD-35D revealed spring cans to be out of tolerance. Work order 92-03794 was issued to reset them. Follow-up VT-4 was acceptable. This condition was determined to be service related and additional supports, HPCI-H32 and HPCI-HD35C were visually inspected and found to be acceptable.
F-A	HD35C	Visual examination of HD35C revealed spring cans to be out of tolerance. Work order 92-03854 was issued to reset them. Follow-up VT-4 was acceptable. This condition showed no sign of service induced failure. An evaluation was performed to substantiate the integrity of the support. Therefore, additional examinations were not warranted.
F-A	MS-5	Visual examination of MS-5 revealed a loose clamp bolt. Work order 92-03461 was issued to tighten the bolt. Follow-up VT-3 was acceptable. This condition was evaluated to be insignificant to proper function of the component.
F-A	MS-7	Visual examination of MS-7 revealed a 1/16" gap between the bolt head shoulder and the support ring (bolt was tight in fixture). An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.
F-A	RCW-H104	Visual examination of RCW-H104 revealed a 3/16" gap between the baseplate and wall and also minor cracking in the concrete. An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 22 of 23

Abstract of Conditions Noted / Corrective Measures Taken
Section 11/12

ASME Cat	Item ID	Conditions Noted and Corrective Measures Taken
F-A	RCW-HD149	Visual examination of RCW-HD149 revealed that the top portion of the pipe clamp was bent in. An engineering evaluation was performed and this condition was found to be acceptable. This condition was not service related.
F-A	RCIC-1	Visual examination of RCIC-1 revealed a loose clamp bolt and the spring can was found to be out of tolerance. Work orders 92-03701 and 92-03854 were issued to tighten the bolt and reset the spring can. Follow-up VT-3 & 4 examinations were acceptable. RCIC-1 is one of two supports on this pipe run. The adjacent support RCIC-2 was scheduled for inspection this outage already, so additional examinations were not performed. The loose bolt condition was evaluated as insignificant to proper function of the component.
F-A	RCIC-2	Visual examination of RCIC-2 revealed a spring can setting to be out of tolerance. Work order 92-03700 was issued to reset the spring can. Follow-up VT-4 was acceptable. RCIC-2 is one of two supports on this pipe run. The adjacent support RCIC-1 was already scheduled for inspection this outage, so additional examinations were not performed.
F-A	H-129	Visual examination of H-129 revealed a loose spherical bearing. An engineering evaluation was performed and it was determined that the support should be repaired. Work order 92-03713 was issued to modify the support and repair the spherical bearing. Follow-up VT-3 was acceptable. The spherical bearing condition was determined to be service related. Additional supports, RHR-HD-128A, RHR-HD-129C and RHR-H130, were visually inspected and found to be acceptable.

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE FILES

Vermont Yankee Nuclear Power Corp.
Vermont Yankee Nuclear Power Station
Owner Cert: DPR-28
Commercial Service Date: 11/30/72

Page 23 of 23

Abstract of Conditions Noted / Corrective Measures Taken
Section 11/12

ASME Cat	Item ID	Conditions Noted and Corrective Measures Taken
F-A	CS-HD-54A	Visual examination of CS-HD-54A revealed a spring can setting to be out of tolerance. Work order 92-03794 was issued to reset the spring can. Follow-up VT-4 was acceptable. This condition was determined to be service related. Additional supports, CS-HD-54G, CS-HD-54B and CS-HD-86C, were visually inspected and found to be acceptable.
F-A	SW-HD78	Visual examination of SW-HD78 revealed two loose bolts on the upper portion of the pipe clamp. Work order 92-03367 was issued to tighten the bolts. Follow-up VT-3 was acceptable. This condition was determined to be service related and additional supports, SW-H78, SW-HD79A and RSW-H266N, were visually inspected and found to be acceptable.